

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A recording medium comprising
a storage layer for storing data; and
an indication layer for providing indication information relating to the stored data;
wherein said storage layer and said indication layer are coupled by lamination;
wherein the indication information can be written at the indication layer, and at least a
portion of the indication information which has been written can be rewritten;
wherein said recording medium is substantially planar and circular in shape; ~~and~~
wherein the indication information is written by irradiating light in a form of an image
onto the indication layer; and
wherein the indication information comprises a tree structure.
2. (previously presented) The recording medium of claim 3, wherein the indication
layer includes electronic paper.
3. (currently amended) A recording medium comprising
a storage layer for storing data; and
an indication layer for providing indication information relating to the stored data,

wherein the indication layer has a cholesteric layer and a transparent electrode layer on a light absorbing layer;

wherein the indication information can be written at the indication layer, and at least a portion of the indication information which has been written can be rewritten; and

wherein said recording medium is substantially planar and circular in shape; and
wherein the indication information comprises a tree structure.

4. (canceled).

5. (previously presented) The recording medium of claim 3, wherein the indication layer has a heat recording layer at which the indication information can be recorded and deleted by a heat treatment.

6. (currently amended) A data writing device writing data to a recording medium having a storage layer for storing data, and an indication layer for providing indication information relating to the stored data, the device comprising:

a storing section storing data at the storage layer of the recording medium; and

a writing section writing, at the indication layer, the indication information which relates to the stored data and which is for indication at the recording medium;

a detecting section detecting a difference between storage data which is stored at the storage layer of the recording medium, and new data which is to be subsequently stored; and

a generating section which, on the basis of results of detection of the detecting section, generates detection data regarding the difference between the data stored at the storage layer and the new data which is to be subsequently stored, and generates indication information which corresponds to the difference;

wherein the storing section stores, at the storage layer, the detection data regarding the difference, and the writing section writes, at the indication layer, the indication information which corresponds to the difference; and

wherein the indication information comprises a tree structure.

7. (original) The data writing device of claim 6, wherein the indication information can be written at the indication layer, and at least a portion of the indication information which has been written can be rewritten.

8. (original) The data writing device of claim 6, wherein the indication layer includes electronic paper.

9. (original) The data writing device of claim 6, wherein the storing section also stores the indication information at the storage layer.

10. (original) The data writing device of claim 6, further comprising a data memory section for storing the stored data and the indication information.

11-13. (canceled)

14. (previously presented) The data writing device of claim 6, wherein the storing section also stores, at the storage layer, the indication information which corresponds to the difference.

15. (previously presented) The data writing device of claim 6, further comprising a data memory section storing the stored data and the indication information which corresponds to the difference between the data stored at the storage layer and the new data.

16. (currently amended) A method for writing and rewriting data to a storage medium for providing indication information relating to stored data, comprising:

detecting a difference between current data stored on a storage medium and new data to be stored on said storage medium;

performing generation of indication information corresponding to said difference;

writing said new data to a storage layer of said storage medium; and

at least one of writing and rewriting said indication information to an indication layer of said storage medium, so as to visibly indicate said indication information;

wherein the indication information comprises a tree structure.

17. (previously presented) The method of claim 16, wherein said indication information is generated according to a manner of indication received from an external source.
18. (previously presented) The method of claim 17, wherein said external source is a user.
19. (previously presented) The method of claim 16, further comprising writing said indication information to said storage layer of said storage medium.
20. (previously presented) The method of claim 16, wherein said indication layer comprises electronic paper.
21. (previously presented) The method of claim 16, wherein said storage medium is substantially planar and circular in shape.
22. (previously presented) The medium of claim 3, wherein the storage layer comprises data written in at least one of magnetic and optical form.
23. (previously presented) The medium of claim 3, wherein the storage layer is read electrically.

24-28. (canceled).

29. (previously presented): The data writing device of claim 6, wherein the indication information comprises a place to be changed and contents of the change of the storage data.